

[0083]

## ABSTRACT

A transparent thin-film solar-cell module having high output, high light transmittance, and excellent appearance, the module including a plurality of photoelectric conversion cells connected in series, the cells containing a first electrode layer, a semiconductor layer, and a second electrode layer stacked in that order on a main surface of a transparent insulating substrate; and a plurality of light-transmissive aperture holes formed by removing at least the second electrode layer, the light-transmissive aperture holes each having a diameter of 30  $\mu\text{m}$  to 500  $\mu\text{m}$ , the plurality of light-transmissive aperture holes being disposed in a line at a distance between the centers of the light-transmissive aperture holes of 1.01 to 2 times the diameter of each light-transmissive aperture hole, and a method for producing the module.